

PTO/SB/08A (08-03)

Approved for use through 07/31/2008, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete If Known

Application Number	10/575,432
Filing Date	April 10, 2006
First Named Inventor	James Gleeson
Art Unit	1794
Examiner Name	Michele Lynn Jacobson
Attorney Docket Number	131279-1052

U. S. PATENT DOCUMENTS

Examiner Initial	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
		Number-Kind Code ² If known					
	A	US 1,762,766	06-10-1930	De Garay			
	B	US 4,277,091	07-07-1981	Hunter			
	C	US 5,255,945	10-26-1993	Toon			
	D	US 5,480,196	01-02-1996	Adams, Jr.			
	E	US 6,663,145	12-16-2003	Lyall III, et al.			
	F	US 2001/0033080	10-25-2001	Dukes, et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner Initial	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Country or Patent Office	Owner / Applicant	T ⁴
		Country Code*Number*Kind Code ³ (If known)				
	AA	GB 2129082	05-10-1984	GB	John Benjamin Glover	N/A

Examiner Signature	Date Considered
--------------------	-----------------

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199, or visit www.uspto.gov.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE LINED THROUGH. /SA/

Substitute for 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> Sheet 1 of 2	Complete If Known	
	Application Number	10/575,432
	Filing Date	April 10, 2006
	First Named Inventor	James Gleeson
	Art Unit	1794
	Examiner Name	Michele Lynn Jacobson
	Attorney Docket Number	131279-1052

NON PATENT LITERATURE DOCUMENTS	
Examiner Initial*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Clarke, N.W.B., "Buried Pipelines: A Manual of Structural Design and Installation," 1968, McLaren & Co., London, p. 163

Examiner Signature	/Sara Addisu/	Date Considered	11/24/2008
--------------------	---------------	-----------------	------------

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE LINED THROUGH. /SA/